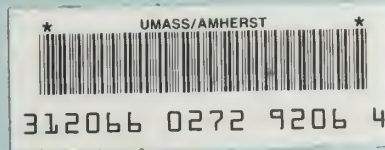


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Commonwealth of Massachusetts

E Department of
Employment
and Training



**EMPLOYMENT TRENDS
SPRINGFIELD MSA
1980 TO 1990**

William F. Weld, Governor

Nils L. Nordberg, Commissioner, Employment and Training

914/62

EMPLOYMENT TRENDS

SPRINGFIELD MSA

1980 TO 1990

**MASSACHUSETTS DEPARTMENT OF EMPLOYMENT AND TRAINING
FIELD SERVICE RESEARCH**

MAY 1991



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This booklet is organized as follows:

I. Labor Force and Unemployment Data/Labor Market Area, Massachusetts and the United States

This section contains annual average labor force and unemployment statistics for the labor market area (1983-1990) and the state (1980-1990); it also contains annual average unemployment rates for the nation. Monthly labor force statistics are also provided for the labor market area for 1989 and 1990.

II. Nonagricultural Wage and Salary Employment/Annual Averages/Labor Market Area

Included here are annual average nonagricultural employment levels for major industries in the labor market area for the years 1980 through 1990 (except for the Salem-Gloucester OMSA, which starts with 1985). This section also contains employment percent distributions and comparisons between selected years.

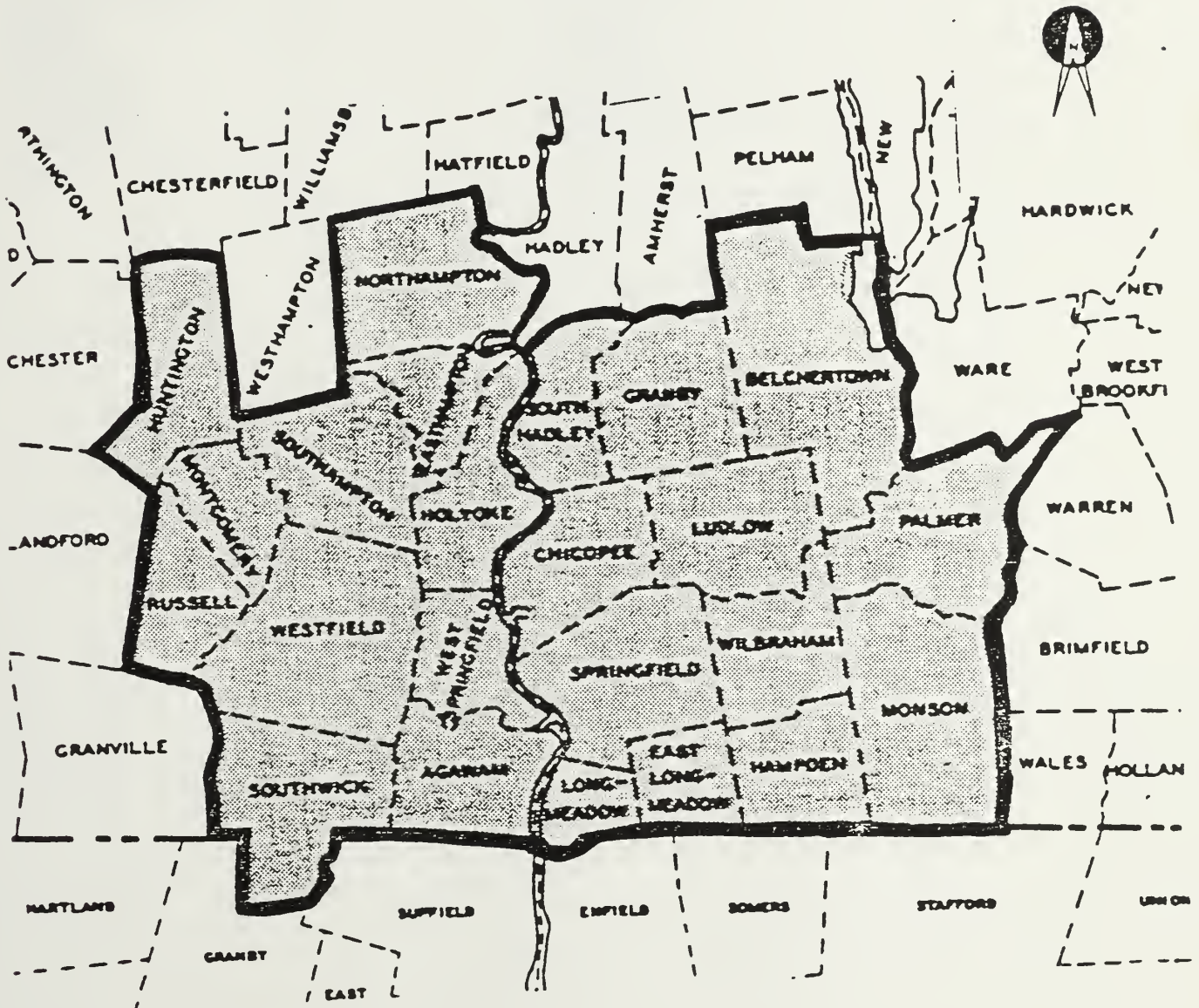
III. Nonagricultural Wage and Salary Employment/Major Industry Divisions/Massachusetts and the United States

This part contains annual average nonagricultural employment levels for major industry divisions in the state and nation. It also includes statewide percent distributions and comparisons between selected years, similar to those provided for the local areas in Section II. This state and national data is given for comparison purposes; more detailed data for Massachusetts is contained in a separate booklet. This section also includes a table showing total nonagricultural and manufacturing employment change from 1980 to 1990 in Massachusetts and each of the major labor market areas (except Salem-Gloucester).

IV. Detailed Nonagricultural Wage and Salary Employment Tables/Labor Market Area

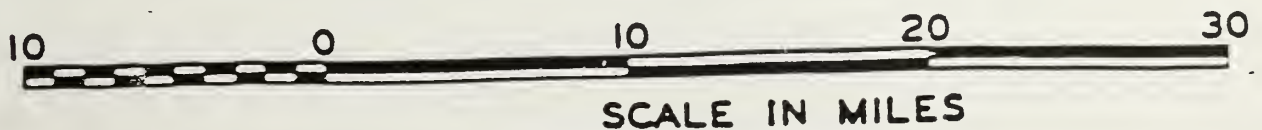
This section contains detailed monthly and annual average nonagricultural employment levels for major industry divisions and selected industries in the labor market area for the same years as in Section II.

SPRINGFIELD, MA MSA



• Metropolitan Statistical Area is a free-standing area which meets the criteria of being metropolitan.

As defined by
U.S. Office of Management & Budget
30 June 1983



The Springfield MSA consists of the following communities:

Agawam
Belchertown
Chicopee
Easthampton
East Longmeadow
Granby
Hampden
Holyoke
Huntington
Longmeadow
Ludlow
Monson

Montgomery
Northampton
Palmer
Russell
South Hadley
Southampton
Southwick
Springfield
Westfield
West Springfield
Wilbraham

LABOR FORCE AND UNEMPLOYMENT DATA

THE SPRINGFIELD MSA,

MASSACHUSETTS

AND

THE UNITED STATES

**SPRINGFIELD MSA
LABOR FORCE DATA**

1983-1990 ANNUAL AVERAGES

	<u>Labor Force</u>	<u>Employ- ment</u>	<u>Unemploy- ment</u>	<u>Unemp Rate</u>
1983	266,784	247,478	19,306	7.2%
1984	250,706	237,134	13,572	5.4%
1985	247,533	236,631	10,902	4.4%
1986	243,771	233,515	10,256	4.2%
1987	248,489	240,336	8,153	3.3%
1988	254,985	246,656	8,329	3.3%
1989	256,153	245,856	10,297	4.0%
1990	256,984	242,052	14,932	5.8%

SOURCE: Massachusetts Department of Employment and Training, Local Area Unemployment Statistics (LAUS).

SPRINGFIELD MSA

LABOR FORCE, EMPLOYED, UNEMPLOYED AND RATE BY MONTH AND ANNUAL AVERAGES 1983 THRU 1988

	Labor	Employed	Unemp	Unemp
1983	Force		loyed	Rate
Annual Averages	266,784	247,478	19,306	7.2%
January	265,678	241,974	23,704	8.9%
February	259,535	238,035	21,500	8.3%
March	263,251	241,775	21,476	8.2%
April	262,137	244,470	17,667	6.7%
May	263,070	244,595	18,475	7.0%
June	267,506	246,184	21,322	8.0%
July	268,988	251,309	17,679	6.6%
August	269,017	250,778	18,239	6.8%
September	270,063	248,950	21,113	7.8%
October	269,994	251,929	18,065	6.7%
November	272,337	256,440	15,897	5.8%
December	269,841	253,301	16,540	6.1%

	Labor	Employed	Unemp	Unemp
1985	Force		loyed	Rate
Annual Averages	247,533	236,631	10,902	4.4%
January	246,035	232,743	13,292	5.4%
February	247,716	234,623	13,093	5.3%
March	246,911	233,451	13,460	5.5%
April	246,168	235,805	10,363	4.2%
May	246,922	237,897	9,025	3.7%
June	251,615	240,832	10,783	4.3%
July	250,896	239,415	11,481	4.6%
August	250,022	240,533	9,489	3.8%
September	246,709	236,502	10,207	4.1%
October	243,459	234,907	8,552	3.5%
November	246,402	236,795	9,607	3.9%
December	247,540	236,069	11,471	4.6%

	Labor	Employed	Unemp	Unemp
1987	Force		loyed	Rate
Annual Averages	248,489	240,336	8,153	3.3%
January	247,678	237,026	10,652	4.3%
February	246,188	235,966	10,222	4.2%
March	249,855	238,453	11,402	4.6%
April	249,353	239,684	9,669	3.9%
May	248,408	240,044	8,364	3.4%
June	255,028	246,579	8,449	3.3%
July	254,368	247,991	6,377	2.5%
August	254,611	247,514	7,097	2.8%
September	248,135	241,360	6,775	2.7%
October	252,676	245,787	6,889	2.7%
November	252,306	246,515	5,791	2.3%
December	252,883	246,336	6,547	2.6%

	Labor	Employed	Unemp	Unemp
1984	Force		loyed	Rate
Annual Averages	250,706	237,134	13,572	5.4%
January	248,505	228,064	20,441	8.2%
February	247,225	229,077	18,148	7.3%
March	248,462	231,737	16,725	6.7%
April	250,150	235,839	14,311	5.7%
May	248,238	237,119	11,119	4.5%
June	252,628	240,212	12,416	4.9%
July	252,671	240,316	12,355	4.9%
August	254,140	240,794	13,346	5.3%
September	250,488	238,436	12,052	4.8%
October	250,930	241,526	9,404	3.7%
November	252,642	242,633	10,009	4.0%
December	252,401	239,859	12,542	5.0%

	Labor	Employed	Unemp	Unemp
1986	Force		loyed	Rate
Annual Averages	243,771	233,515	10,256	4.2%
January	240,798	230,100	10,698	4.4%
February	240,219	228,925	11,294	4.7%
March	242,715	231,216	11,499	4.7%
April	240,937	230,588	10,349	4.3%
May	241,848	231,364	10,484	4.3%
June	243,153	233,194	9,959	4.1%
July	248,611	238,246	10,365	4.2%
August	249,907	239,740	10,167	4.1%
September	243,848	232,717	11,131	4.6%
October	242,849	233,848	9,001	3.7%
November	244,748	235,064	9,684	4.0%
December	245,620	237,177	8,443	3.4%

	Labor	Employed	Unemp	Unemp
1988	Force		loyed	Rate
Annual Averages	254,985	246,656	8,329	3.3%
January	253,312	243,633	9,679	3.8%
February	253,078	243,549	9,529	3.8%
March	258,507	249,281	9,226	3.6%
April	255,243	248,158	7,085	2.8%
May	251,242	244,648	6,594	2.6%
June	257,642	249,116	8,526	3.3%
July	255,943	246,563	9,380	3.7%
August	254,182	246,113	8,069	3.2%
September	252,729	245,096	7,633	3.0%
October	255,374	248,114	7,260	2.8%
November	257,029	247,868	9,161	3.6%
December	255,539	247,736	7,803	3.1%

Source: Commonwealth of Massachusetts, Department of Employment and Training, Field Service Research Department, Local Area Unemployment Statistics (LAUS)

**SPRINGFIELD MSA
LABOR FORCE DATA
1989-1990 BY MONTH**

	<u>Labor Force</u>	<u>Employ- ment</u>	<u>Unemploy- ment</u>	<u>Unemp Rate</u>
1989				
January	254,849	245,155	9,694	3.8%
February	257,896	247,743	10,153	3.9%
March	257,312	247,084	10,228	4.0%
April	257,821	248,350	9,471	3.7%
May	256,192	247,567	8,625	3.4%
June	258,794	248,174	10,620	4.1%
July	259,492	246,782	12,710	4.9%
August	259,450	248,990	10,460	4.0%
September	251,002	239,967	11,035	4.4%
October	252,625	242,034	10,591	4.2%
November	254,102	244,300	9,802	3.9%
December	254,305	244,125	10,180	4.0%
1989 Annual Average	256,153	245,856	10,297	4.0%
1990				
January	253,796	241,826	11,970	4.7%
February	257,745	243,356	14,389	5.6%
March	257,108	242,664	14,444	5.6%
April	255,623	242,178	13,445	5.3%
May	257,693	244,767	12,926	5.0%
June	259,770	244,787	14,983	5.8%
July	258,213	241,709	16,504	6.4%
August	261,790	245,353	16,437	6.3%
September	256,175	240,997	15,178	5.9%
October	255,015	240,236	14,779	5.8%
November	254,660	238,398	16,262	6.4%
December	256,225	238,355	17,870	7.0%
1990 Annual Average	256,984	242,052	14,932	5.8%

SOURCE: Massachusetts Department of Employment and Training, Local Area Unemployment Statistics (LAUS).

**MASSACHUSETTS LABOR FORCE DATA
AND NATIONAL UNEMPLOYMENT RATE
ANNUAL AVERAGES 1980-1990
(Numbers in Thousands)**

	<u>Working Age Population</u>	<u>Labor Force</u>	<u>Employ- ment</u>	<u>Unemploy- ment</u>	<u>Unemployment Rate Mass.</u>	<u>U.S.</u>
1980	4,374	2,867	2,706	162	5.6%	7.1%
1981	4,418	2,947	2,760	187	6.4%	7.6%
1982	4,443	2,993	2,757	237	7.9%	9.7%
1983	4,472	2,977	2,772	205	6.9%	9.6%
1984	4,511	3,047	2,902	145	4.8%	7.5%
1985	4,534	3,051	2,931	120	3.9%	7.2%
1986	4,563	3,058	2,941	118	3.8%	7.0%
1987	4,587	3,086	2,987	99	3.2%	6.2%
1988	4,612	3,155	3,052	103	3.3%	5.5%
1989	4,618	3,180	3,053	127	4.0%	5.3%
1990	4,620	3,166	2,977	189	6.0%	5.5%

SOURCE: Massachusetts Department of Employment and Training and The United States Department of Labor, Bureau of Labor Statistics, Current Population Survey.

NOTE: National figure excludes military.

**NONAGRICULTURAL WAGE AND SALARY
EMPLOYMENT
ANNUAL AVERAGES
THE SPRINGFIELD MSA**

SPRINGFIELD MSA
NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT
ANNUAL AVERAGES 1980–1990
(In Thousands)

<u>Industry</u>	<u>1980</u>	<u>1981</u>	<u>1982</u>	<u>1983</u>	<u>1984</u>	<u>1985</u>	<u>1986</u>	<u>1987</u>	<u>1988</u>	<u>1989</u>	<u>1990</u>
Nonagricultural Employment	219.5	215.8	211.0	213.5	221.3	224.8	229.5	237.5	242.6	241.9	234.1
Manufacturing	64.9	61.3	56.3	53.8	54.9	52.7	50.8	50.7	50.4	48.5	46.1
Durable Goods	36.0	34.0	30.3	27.7	28.2	26.8	25.5	25.7	25.6	24.6	23.1
Nondurable Goods	28.9	27.3	26.1	26.1	26.7	26.0	25.3	24.9	24.8	23.9	23.0
Construction	5.9	5.9	5.6	5.6	6.4	7.5	8.4	9.8	10.2	9.4	7.8
Transportation and Public Utilities	8.9	8.9	8.9	8.7	8.5	8.7	9.1	9.6	9.8	10.0	10.2
Wholesale & Retail Trade	45.5	45.7	45.5	47.2	50.5	53.7	54.5	55.9	57.6	57.7	53.9
Finance, Insurance and Real Estate	12.5	12.7	13.0	13.6	14.0	14.5	15.4	16.0	15.9	15.7	15.4
Services	43.7	45.1	45.9	48.5	50.5	52.5	54.2	57.0	59.3	61.6	62.6
Government	38.1	36.2	35.7	36.0	36.4	36.1	36.9	38.4	39.2	38.7	38.0

SOURCE: Massachusetts Department of Employment and Training, Current Employment Statistics Program (CES-790).

NOTE: Numbers may not add to totals due to rounding.

**SPRINGFIELD MSA
NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT
PERCENT DISTRIBUTION**

<u>Industry</u>	<u>1980</u>	<u>1981</u>	<u>1982</u>	<u>1983</u>	<u>1984</u>	<u>1985</u>	<u>1986</u>	<u>1987</u>	<u>1988</u>	<u>1989</u>	<u>1990</u>
Nonagricultural Employment	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
Manufacturing	29.6%	28.4%	26.7%	25.2%	24.8%	23.4%	22.1%	21.3%	20.8%	20.0%	19.7%
Durable Goods	16.4%	15.8%	14.4%	13.0%	12.7%	11.9%	11.1%	10.8%	10.6%	10.2%	9.9%
Nondurable Goods	13.2%	12.7%	12.4%	12.2%	12.1%	11.6%	11.0%	10.5%	10.2%	9.9%	9.8%
Construction	2.7%	2.7%	2.7%	2.6%	2.9%	3.3%	3.7%	4.1%	4.2%	3.9%	3.3%
Transportation and Public Utilities	4.1%	4.1%	4.2%	4.1%	3.8%	3.9%	4.0%	4.0%	4.0%	4.1%	4.4%
Wholesale & Retail Trade	20.7%	21.2%	21.6%	22.1%	22.8%	23.9%	23.7%	23.5%	23.7%	23.9%	23.0%
Finance, Insurance and Real Estate	5.7%	5.9%	6.2%	6.4%	6.3%	6.5%	6.7%	6.7%	6.6%	6.5%	6.6%
Services	19.9%	20.9%	21.8%	22.7%	22.8%	23.4%	23.6%	24.0%	24.4%	25.5%	26.7%
Government	17.4%	16.8%	16.9%	16.9%	16.4%	16.1%	16.1%	16.2%	16.2%	16.0%	16.2%

SOURCE: Massachusetts Department of Employment and Training, Current Employment Statistics Program (CES-790).

NOTE: Numbers may not add to totals due to rounding.

SPRINGFIELD MSA
NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT
ANNUAL AVERAGES 1980-1990
(In Thousands)

Industry	<u>1980</u>	<u>1990</u>	<u>Absolute Change</u>	<u>Percent Change</u>
Nonagricultural Employment	219.5	234.1	14.6	6.7%
Manufacturing	64.9	46.1	(18.8)	-29.0%
Durable Goods	36.0	23.1	(12.9)	-35.8%
Nondurable Goods	28.9	23.0	(5.9)	-20.4%
Nonmanufacturing	154.6	188.0	33.4	21.6%
Construction	5.9	7.8	1.9	32.2%
Transportation and Public Utilities	8.9	10.2	1.3	14.6%
Wholesale & Retail Trade	45.5	53.9	8.4	18.5%
Finance, Insurance and Real Estate	12.5	15.4	2.9	23.2%
Services	43.7	62.6	18.9	43.2%
Government	38.1	38.0	(0.1)	-0.3%

SOURCE: Massachusetts Department of Employment and Training, Current Employment Statistics Program (CES-790).

NOTE: Numbers may not add to totals due to rounding.

SPRINGFIELD MSA
NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT
ANNUAL AVERAGES 1989–1990
(In Thousands)

Industry	<u>1989</u>	<u>1990</u>	<u>Absolute Change</u>	<u>Percent Change</u>
Nonagricultural Employment	241.9	234.1	(7.8)	−3.2%
Manufacturing	48.5	46.1	(2.4)	−4.9%
Durable Goods	24.6	23.1	(1.5)	−6.1%
Nondurable Goods	23.9	23.0	(0.9)	−3.8%
Nonmanufacturing	193.4	188.0	(5.4)	−2.8%
Construction	9.4	7.8	(1.6)	−17.0%
Transportation and Public Utilities	10.0	10.2	0.2	2.0%
Wholesale & Retail Trade	57.7	53.9	(3.8)	−6.6%
Finance, Insurance and Real Estate	15.7	15.1	(0.6)	−3.8%
Services	61.6	62.6	1.0	1.6%
Government	38.7	38.0	(0.7)	−1.8%

SOURCE: Massachusetts Department of Employment and Training, Current Employment Statistics Program (CES-790).

NOTE: Numbers may not add to totals due to rounding.

**NONAGRICULTURAL WAGE AND SALARY
EMPLOYMENT
MAJOR INDUSTRY DIVISIONS
MASSACHUSETTS
AND
UNITED STATES**

MASSACHUSETTS
NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT
ANNUAL AVERAGES 1980–1990
(In Thousands)

<u>Industry</u>	<u>1980</u>	<u>1981</u>	<u>1982</u>	<u>1983</u>	<u>1984</u>	<u>1985</u>	<u>1986</u>	<u>1987</u>	<u>1988</u>	<u>1989</u>	<u>1990</u>
Nonagricultural Employment	2,652.2	2,668.3	2,638.0	2,692.5	2,851.8	2,926.0	2,984.8	3,061.8	3,126.2	3,103.4	2,977.7
Manufacturing	673.3	668.0	636.5	629.0	667.6	649.7	614.4	599.1	584.7	561.1	520.4
Durable Goods	435.7	435.2	414.4	409.2	443.5	436.0	409.1	398.0	388.1	372.1	342.3
Nondurable Goods	237.6	232.9	222.1	219.7	224.1	213.6	205.3	201.1	196.5	189.0	178.0
Mining 1	—	—	1.1	1.0	1.2	1.5	1.6	1.6	1.7	1.6	1.4
Construction	77.4	79.6	78.4	82.6	96.4	109.4	123.2	137.7	142.1	126.8	99.5
Transportation and Public Utilities	121.6	120.1	120.0	118.2	123.3	125.4	125.9	131.0	133.6	128.3	128.9
Wholesale & Retail Trade	576.6	581.3	579.2	612.7	658.3	684.1	709.7	723.4	739.4	740.5	701.0
Wholesale Trade	—	—	133.3	140.8	151.9	154.7	162.8	170.9	179.9	179.6	170.9
Retail Trade	—	—	445.9	471.9	507.3	529.3	529.4	546.9	560.5	560.9	530.1
Finance, Insurance and Real Estate	159.0	164.8	168.7	171.8	179.0	188.1	202.6	217.9	221.5	217.3	214.6
Services 1	634.0	663.5	683.5	705.8	754.0	786.5	818.4	853.9	896.6	924.1	917.8
Government	410.3	391.1	370.7	371.4	371.4	381.3	389.0	397.2	406.7	403.6	394.2
High Technology Mfg.	—	238.4	238.2	240.2	261.3	258.5	245.0	239.9	238.6	229.9	212.2
High Technology Nonmfg.	—	—	—	—	70.2	75.9	82.0	85.2	94.1	95.6	92.5

SOURCE: Massachusetts Department of Employment and Training, Current Employment Statistics Program (CES-790).

NOTE: Numbers may not add to totals due to rounding.

1. Services and mining were combined prior to 1982.

**MASSACHUSETTS
NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT
PERCENT DISTRIBUTION**

<u>Industry</u>	<u>1980</u>	<u>1981</u>	<u>1982</u>	<u>1983</u>	<u>1984</u>	<u>1985</u>	<u>1986</u>	<u>1987</u>	<u>1988</u>	<u>1989</u>	<u>1990</u>
Nonagricultural Employment	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
Manufacturing	25.4%	25.0%	24.1%	23.4%	23.4%	22.2%	20.6%	19.6%	18.7%	18.1%	17.5%
Durable Goods	16.4%	16.3%	15.7%	15.2%	15.6%	14.9%	13.7%	13.0%	12.4%	12.0%	11.5%
Nondurable Goods	9.0%	8.7%	8.4%	8.2%	7.9%	7.3%	6.9%	6.6%	6.3%	6.1%	6.0%
Mining 1	—	—	0.0%	0.0%	0.0%	0.1%	0.1%	0.1%	0.1%	0.1%	0.0%
Construction	2.9%	3.0%	3.0%	3.1%	3.4%	3.7%	4.1%	4.5%	4.5%	4.1%	3.3%
Transportation and Public Utilities	4.6%	4.5%	4.5%	4.4%	4.3%	4.3%	4.2%	4.3%	4.3%	4.1%	4.3%
Wholesale & Retail Trade	21.7%	21.8%	22.0%	22.8%	23.1%	23.4%	23.8%	23.6%	23.7%	23.9%	23.5%
Wholesale Trade	—	—	5.1%	5.2%	5.3%	5.3%	5.5%	5.6%	5.8%	5.8%	5.7%
Retail Trade	—	—	16.9%	17.5%	17.8%	18.1%	17.7%	17.9%	17.9%	18.1%	17.8%
Finance, Insurance and Real Estate	6.0%	6.2%	6.4%	6.4%	6.3%	6.4%	6.8%	7.1%	7.1%	7.0%	7.2%
Services 1	23.9%	24.9%	25.9%	26.2%	26.4%	26.9%	27.4%	27.9%	28.7%	29.8%	30.8%
Government	15.5%	14.7%	14.1%	13.8%	13.0%	13.0%	13.0%	13.0%	13.0%	13.0%	13.2%
High Technology Mfg.	—	8.9%	9.0%	8.9%	9.2%	8.8%	8.2%	7.8%	7.6%	7.4%	7.1%
High Technology Nonmfg.	—	—	—	—	2.5%	2.6%	2.7%	2.8%	3.0%	3.1%	3.1%

SOURCE: Massachusetts Department of Employment and Training, Current Employment Statistics Program (CES-790).

NOTE: Numbers may not add to totals due to rounding.

1. Services and mining were combined prior to 1982.

MASSACHUSETTS
NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT
ANNUAL AVERAGES, 1980 and 1990
(In Thousands)

<u>Industry</u>	<u>1980</u>	<u>1990</u>	<u>Absolute Change</u>	<u>Percent Change</u>
Nonagricultural Employment	2,652.2	2,977.7	325.5	12.3%
Manufacturing	673.3	520.4	(152.9)	-22.7%
Durable Goods	435.7	342.3	(93.4)	-21.4%
Nondurable Goods	237.6	178.0	(59.6)	-25.1%
Construction	77.4	99.5	22.1	28.6%
Transportation and Public Utilities	121.6	128.9	7.3	6.0%
Wholesale & Retail Trade	576.6	701.0	124.4	21.6%
Finance, Insurance and Real Estate	159.0	214.6	55.6	35.0%
Services	634.0	917.8	283.8	44.8%
Government	410.3	394.2	(16.1)	-3.9%

SOURCE: Massachusetts Department of Employment and Training, Current Employment Statistics Program (CES-790).

NOTE: Numbers may not add to totals due to rounding.

MASSACHUSETTS
NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT
ANNUAL AVERAGES, 1989 and 1990
(In Thousands)

<u>Industry</u>	<u>1989</u>	<u>1990</u>	<u>Absolute Change</u>	<u>Percent Change</u>
Nonagricultural Employment	3,103.4	2,977.7	(125.7)	-4.1%
Manufacturing	561.1	520.4	(40.7)	-7.3%
Durable Goods	372.1	342.3	(29.8)	-8.0%
Nondurable Goods	189.0	178.0	(11.0)	-5.8%
Mining	1.6	1.4	(0.2)	-12.5%
Construction	126.8	99.5	(27.3)	-21.5%
Transportation and Public Utilities	128.3	128.9	0.6	0.5%
Wholesale & Retail Trade	740.5	701.0	(39.5)	-5.3%
Wholesale Trade	179.6	170.9	(8.7)	-4.8%
Retail Trade	560.9	530.1	(30.8)	-5.5%
Finance, Insurance and Real Estate	217.3	214.6	(2.7)	-1.2%
Services	924.1	917.8	(6.3)	-0.7%
Government	403.6	394.2	(9.4)	-2.3%

SOURCE: Massachusetts Department of Employment and Training, Current Employment Statistics Program (CES-790).

NOTE: Numbers may not add to totals due to rounding.

**NONAGRICULTURAL AND MANUFACTURING EMPLOYMENT
MASSACHUSETTS AND MAJOR LABOR AREAS
ANNUAL AVERAGES, 1980 and 1990
(In Thousands)**

	<u>1980</u>	<u>1990</u>	<u>Absolute Change</u>	<u>Percent Change</u>
Massachusetts – Total	2,652.2	2,977.7	325.5	12.3%
Manufacturing	673.3	520.4	(152.9)	-22.7%
Boston PMSA – Total	1,491.3	1,672.4	181.1	12.1%
Manufacturing	313.2	240.1	(73.1)	-23.3%
Springfield MSA – Total	219.5	234.1	14.6	6.7%
Manufacturing	64.9	46.1	(18.8)	-29.0%
Worcester MSA – Total	170.8	192.6	21.8	12.8%
Manufacturing	50.2	40.4	(9.8)	-19.5%
Lawrence–Haverhill PMSA – Total	132.0	155.0	23.0	17.4%
Manufacturing	51.5	44.1	(7.4)	-14.4%
Lowell PMSA – Total	82.2	99.9	17.7	21.5%
Manufacturing	30	31.2	1.2	4.0%
Brockton PMSA – Total	60.9	70.6	9.7	15.9%
Manufacturing	13.1	9.2	(3.9)	-29.8%
Fall River PMSA – Total	51.4	52.5	1.1	2.1%
Manufacturing	19.3	13.8	(5.5)	-28.5%
New Bedford MSA – Total	64	65	0.5	0.8%
Manufacturing	25.6	16	(9.6)	-37.5%
Fitchburg–Leominster MSA – Total	38.1	39	0.7	1.8%
Manufacturing	15.2	11.1	(4.1)	-27.0%
Pittsfield MSA – Total	39.2	42.2	3.0	7.7%
Manufacturing	14.2	10.4	(3.8)	-26.8%

SOURCE: Massachusetts Department of Employment and Training, Current Employment Statistics Program (CES-790).

UNITED STATES
NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT
ANNUAL AVERAGES 1980-1990
(In Thousands)

<u>Industry</u>	<u>1980</u>	<u>1981</u>	<u>1982</u>	<u>1983</u>	<u>1984</u>	<u>1985</u>	<u>1986</u>	<u>1987</u>	<u>1988</u>	<u>1989</u>	<u>1990</u>
Nonagricultural Employment	90,406	91,156	89,566	90,200	94,496	97,519	99,525	102,200	105,536	108,413	110,321
Manufacturing	20,285	20,170	18,781	18,434	19,378	19,260	18,965	19,024	19,350	19,426	19,062
Durable Goods	12,187	12,109	11,039	10,732	11,505	11,490	11,230	11,167	11,381	11,422	11,122
Nondurable Goods	8,098	8,061	7,741	7,702	7,873	7,770	7,734	7,858	7,969	8,004	7,940
Mining	1,027	1,139	1,128	952	966	927	777	717	713	700	735
Construction	4,346	4,188	3,905	3,948	4,383	4,673	4,816	4,967	5,110	5,200	5,204
Transportation and Public Utilities	5,146	5,165	5,082	4,954	5,159	5,238	5,255	5,372	5,527	5,648	5,839
Wholesale & Retail Trade	20,310	20,547	20,457	20,881	22,100	23,073	23,683	24,327	25,132	25,851	26,149
Wholesale Trade	5,275	5,358	5,278	5,268	5,555	5,717	5,753	5,865	6,055	6,271	6,361
Retail Trade	15,035	15,189	15,179	15,613	16,545	17,356	17,930	18,462	19,077	19,580	19,788
Finance, Insurance and Real Estate	5,160	5,298	5,341	5,468	5,689	5,955	6,283	6,547	6,649	6,724	6,832
Services	17,890	18,619	19,036	19,694	20,797	22,000	23,053	24,235	25,669	27,096	28,209
Government	16,241	16,031	15,837	15,869	16,024	16,394	16,693	17,010	17,386	17,769	18,291

SOURCE: U.S. Department of Labor, Bureau of Labor Statistics.

NOTE: Numbers may not add to totals due to rounding.

**DETAILED NONAGRICULTURAL WAGE AND SALARY
EMPLOYMENT TABLES
THE SPRINGFIELD MSA**

SPRINGFIELD, MASSACHUSETTS MSA
NONAGRICULTURAL WAGE & SALARY EMPLOYMENT
FOR CALENDAR YEAR 1990

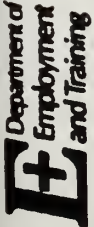
REVISED TO 1ST QTR 1990 BENCHMARK

I N D U S T R Y		S E R I E S												A V G	
		C O D E													
		JAN.	FEB.	MAR.	APRIL	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.		
NONAGRICULTURAL EMPLOYMENT		235.0	233.9	235.2	234.8	235.7	237.0	230.6	230.9	233.3	234.4	234.2	234.5	234.1	
TOTAL PRIVATE		195.9	194.9	196.0	196.0	196.2	197.8	194.7	195.5	196.1	196.9	196.6	196.5	196.1	
GOODS PRODUCING		54.4	53.7	53.6	53.8	53.7	54.5	54.0	54.4	54.4	54.4	53.8	53.2	54.0	
SERVICE PRODUCING		180.6	180.2	181.6	181.0	182.0	182.5	176.6	176.5	178.9	180.0	180.4	181.3	180.1	
PRIVATE SERVICE PRODUCING		141.5	141.2	142.4	142.2	142.5	143.3	140.7	141.1	141.7	142.5	142.8	143.3	142.1	
MINING		0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.2	0.1	0.1	0.1	
CONSTRUCTION		7.2	6.8	7.0	7.5	7.8	8.2	8.4	8.4	8.4	8.2	7.8	7.5	7.8	
MANUFACTURING		47.1	46.8	46.5	46.2	45.8	46.2	45.5	45.8	45.8	46.0	45.9	45.6	46.1	
DURABLE GOODS		23.7	23.5	23.3	23.3	23.1	23.2	22.8	22.9	23.0	23.1	23.0	22.8	23.1	
FABRICATED METALS		6.0	6.0	6.0	5.9	6.0	6.1	6.0	5.9	5.9	6.0	5.8	5.9	6.0	
NONDURABLE GOODS		23.4	23.3	23.2	22.9	22.7	23.0	22.7	22.9	22.8	22.9	22.9	22.8	23.0	
PAPER & ALLIED PRODUCTS		7.7	7.6	7.6	7.5	7.5	7.6	7.6	7.4	7.3	7.3	7.4	7.3	7.5	
PRINTING & PUBLISHING		6.1	6.0	6.1	6.0	6.0	6.1	6.1	6.3	6.3	6.3	6.3	6.3	6.2	
TRANSPORTATION, PUBLIC UTILITIES		10.2	10.2	10.3	10.2	10.3	10.3	9.9	10.0	10.3	10.4	10.3	10.3	10.2	
WHOLESALE & RETAIL TRADE		54.9	53.8	54.1	53.8	54.0	54.2	53.2	53.0	53.5	53.5	53.9	54.5	53.9	
WHOLESALE TRADE		10.0	9.9	10.0	9.9	9.9	10.0	9.8	9.8	9.8	9.8	9.8	9.8	9.9	
RETAIL TRADE		44.9	43.9	44.1	43.9	44.1	44.2	43.4	43.2	43.7	43.7	44.1	44.7	44.0	
FINANCE, INSURANCE & REAL ESTATE		15.7	15.5	15.5	15.5	15.6	15.7	15.5	15.5	15.3	15.2	15.1	15.0	15.4	
INSURANCE CARRIERS		7.2	7.2	7.2	7.2	7.2	7.2	7.1	7.1	7.0	7.0	6.9	6.9	7.1	
SERVICES		60.7	61.7	62.5	62.7	62.6	63.1	62.1	62.6	62.6	63.4	63.5	63.5	62.6	
HEALTH SERVICES		22.6	22.6	22.7	22.6	22.7	22.9	22.6	22.6	22.6	22.8	22.8	22.9	22.7	
GOVERNMENT		39.1	39.0	39.2	38.8	39.5	39.2	35.9	35.4	37.2	37.5	37.6	38.0	38.0	
FEDERAL		6.5	6.5	6.5	6.8	7.3	7.0	6.9	6.7	6.6	6.6	6.7	6.9	6.8	
U S POSTAL SERVICE		4.0	4.0	4.0	4.0	4.0	4.0	4.0	3.9	3.9	3.9	4.0	4.1	4.0	
STATE		8.4	8.4	8.4	8.4	8.4	8.3	8.3	8.2	8.2	8.2	8.1	8.0	8.3	
LOCAL		24.2	24.1	24.3	23.6	23.8	23.9	20.7	20.5	22.4	22.7	22.8	23.1	23.0	
LOCAL EDUCATION		14.0	14.0	14.2	13.8	14.1	14.0	10.4	10.1	12.5	13.5	13.6	13.8	13.2	

SPRINGFIELD, MASSACHUSETTS MSA
NONAGRICULTURAL WAGE & SALARY EMPLOYMENT
FOR CALENDAR YEAR 1989

REVISED TO 1ST QTR 1990 BENCHMARK

I N D U S T R Y		S E R I E S		JAN.	FEB.	MAR.	APRIL	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.	AVG.
		C O D E														
NONAGRICULTURAL EMPLOYMENT	TOTAL PRIVATE			240.3	242.0	243.6	243.0	243.2	245.2	239.6	238.3	241.5	241.0	241.8	243.2	241.9
	GOODS PRODUCING			200.7	202.3	203.9	203.6	203.9	205.8	202.5	202.2	202.7	202.5	203.3	204.4	203.2
	SERVICE PRODUCING			58.7	58.1	58.2	58.4	58.7	59.2	58.2	58.4	58.0	57.4	57.2	56.8	58.1
	PRIVATE SERVICE PRODUCING			181.6	183.9	185.4	184.6	184.5	186.0	181.4	179.9	183.5	183.6	184.6	186.4	183.8
	MINING			142.0	144.2	145.7	145.2	145.2	146.6	144.3	143.8	144.7	145.1	146.1	147.6	145.0
	CONSTRUCTION			0.2	0.1	0.1	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
	MANUFACTURING			8.7	8.3	8.6	9.4	9.8	10.2	10.3	10.2	9.9	9.6	9.3	8.8	9.4
	DURABLE GOODS			49.8	49.7	49.5	48.8	48.7	48.8	47.7	48.0	47.9	47.6	47.7	47.8	48.5
	FABRICATED METALS			25.4	25.3	25.4	25.1	24.9	24.7	23.9	24.1	24.1	23.9	24.1	24.0	24.6
	NONDURABLE GOODS			6.7	6.6	6.7	6.4	6.3	6.3	6.2	6.2	6.2	6.1	6.1	6.2	6.3
TRANSPORTATION, PUBLIC UTILITIES	PAPER & ALLIED PRODUCTS			24.4	24.4	24.1	23.7	23.8	24.1	23.8	23.9	23.8	23.7	23.6	23.8	23.9
	PRINTING & PUBLISHING			7.8	7.8	7.7	7.6	7.7	7.8	7.7	7.7	7.7	7.6	7.6	7.6	7.7
	WHOLESALE & RETAIL TRADE			6.1	6.1	6.1	6.0	6.0	6.1	6.1	6.1	6.1	6.2	6.2	6.2	6.1
	WHOLESALE TRADE			9.8	10.0	10.0	10.0	10.1	10.3	10.2	9.4	9.7	9.7	9.8	10.7	10.0
	RETAIL TRADE			58.0	57.8	58.4	57.4	57.4	57.8	57.2	57.2	57.2	57.3	58.1	58.8	57.7
	FINANCE, INSURANCE & REAL ESTATE			11.7	11.6	11.8	11.4	11.3	11.4	11.0	11.0	11.0	10.7	10.6	10.4	11.2
	INSURANCE CARRIERS			46.3	46.2	46.6	46.0	46.1	46.4	46.2	46.2	46.2	46.6	47.5	48.4	46.6
	SERVICES			15.7	15.6	15.7	15.8	15.9	16.1	15.9	15.8	15.6	15.6	15.6	15.6	15.7
	HEALTH SERVICES			7.3	7.3	7.3	7.3	7.4	7.4	7.4	7.3	7.3	7.3	7.2	7.3	7.3
	GOVERNMENT			763002	61.6	61.6	62.0	61.8	62.4	61.0	61.4	62.2	62.5	62.6	62.5	61.6
U S POSTAL SERVICE	FEDERAL			21.4	21.7	22.0	21.7	21.8	22.1	21.7	21.8	22.3	22.3	22.3	22.4	21.9
	STATE			39.6	39.7	39.7	39.4	39.3	39.4	37.1	36.1	38.8	38.5	38.5	38.8	38.7
	LOCAL			6.5	6.4	6.4	6.4	6.4	6.5	6.6	6.6	6.5	6.5	6.5	6.6	6.5
	U S POSTAL SERVICE			4.1	4.1	4.1	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.1	4.0
	STATE			8.2	8.5	8.5	8.5	8.5	8.5	8.6	8.5	8.5	8.5	8.5	8.4	8.5
	LOCAL			24.9	24.8	24.8	24.5	24.4	24.4	21.9	21.0	23.8	23.5	23.5	23.8	23.8
	LOCAL EDUCATION			14.2	14.1	14.0	14.1	14.1	13.9	11.4	10.5	13.7	14.0	14.0	14.1	13.5



SPRINGFIELD, MASSACHUSETTS MSA
NONAGRICULTURAL WAGE & SALARY EMPLOYMENT
FOR CALENDAR YEAR 1988
REVISED TO 1ST QTR 1989 BENCHMARK

I N D U S T R Y	S E R I E S C O D E	J A N . F E B . M A R . A P R I L M A Y J U N E J U L Y A U G . S E P T . O C T . N O V . D E C . A V G .												
		JAN.	FEB.	MAR.	APRIL	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.	AVG.
NONAGRICULTURAL EMPLOYMENT	000000	236.9	238.6	240.9	242.4	242.8	244.3	239.9	239.4	244.2	245.4	247.1	249.4	242.6
TOTAL PRIVATE	000015	197.8	199.1	201.2	203.1	203.6	204.8	202.3	202.6	204.8	205.6	206.8	208.8	203.4
GOODS PRODUCING	000045	59.9	59.7	60.3	60.9	61.0	62.0	60.8	60.9	60.9	61.2	61.0	61.0	60.8
SERVICE PRODUCING	000055	177.0	178.9	180.6	181.5	181.8	182.3	179.1	178.5	183.3	184.2	186.1	188.4	181.8
PRIVATE SERVICE PRODUCING	000075	137.9	139.4	140.9	142.2	142.6	142.8	141.5	141.7	143.9	144.4	145.8	147.8	142.6
MINING	100001	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.2	0.2	0.2	0.2	0.2
CONSTRUCTION	200001	9.0	8.7	9.2	10.3	10.5	10.9	11.1	11.1	10.9	10.6	10.3	10.1	10.2
MANUFACTURING	300001	50.8	50.9	51.0	50.5	50.4	51.0	49.5	49.6	49.8	50.4	50.5	50.7	50.4
DURABLE GOODS	300016	25.6	25.6	25.8	25.5	25.6	25.9	25.3	25.2	25.5	25.7	25.8	25.9	25.6
FABRICATED METALS	334002	6.9	6.9	7.0	6.8	6.8	6.8	6.8	6.8	6.9	7.0	7.0	7.0	6.9
NONDURABLE GOODS	400016	25.2	25.3	25.2	25.0	24.8	25.1	24.2	24.4	24.3	24.7	24.7	24.8	24.8
PAPER & ALLIED PRODUCTS	426002	7.9	7.9	8.0	7.9	7.8	7.9	7.6	7.7	7.6	7.8	7.8	7.8	7.8
PRINTING & PUBLISHING	427002	6.5	6.6	6.5	6.4	6.3	6.4	6.4	6.3	6.2	6.5	6.5	6.4	6.4
TRANSPORTATION,PUBLIC UTILITIES	500001	9.6	9.7	9.7	9.7	9.7	9.8	9.3	9.4	10.0	10.1	10.2	10.2	9.8
WHOLESALE & RETAIL TRADE	600001	56.1	56.0	56.4	57.0	57.3	57.4	57.3	57.4	57.9	58.2	59.5	60.8	57.6
WHOLESALE TRADE	600016	11.2	11.2	11.3	11.3	11.3	11.5	11.5	11.6	11.7	11.9	11.9	11.9	11.5
RETAIL TRADE	600036	44.9	44.8	45.1	45.7	46.0	45.9	45.8	45.8	46.2	46.3	47.6	48.9	46.1
FINANCE, INSURANCE & REAL ESTATE	700001	15.8	15.8	15.8	15.9	16.0	16.2	16.3	16.2	16.0	15.7	15.6	15.7	15.9
INSURANCE CARRIERS	763002	7.7	7.7	7.7	7.6	7.7	7.8	7.9	7.8	7.6	7.5	7.3	7.3	7.6
SERVICES	800001	56.4	57.9	59.0	59.6	59.6	59.4	58.6	58.7	60.0	60.4	60.5	61.1	59.3
HEALTH SERVICES	880002	20.8	20.8	21.0	20.9	21.0	21.2	21.2	21.1	21.2	21.1	21.2	21.4	21.1
GOVERNMENT	900001	39.1	39.5	39.7	39.3	39.2	39.5	37.6	36.8	39.4	39.8	40.3	40.6	39.2
FEDERAL	910001	6.2	6.2	6.3	6.3	6.3	6.4	6.5	6.5	6.4	6.4	6.5	6.5	6.4
U S POSTAL SERVICE	914302	4.0	4.0	4.0	4.1	4.0	4.1	4.1	4.1	4.1	4.1	4.2	4.2	4.1
STATE	920001	6.2	6.5	6.5	6.5	6.5	6.2	6.3	6.2	6.3	6.6	6.6	6.6	6.4
LOCAL	930001	24.7	24.8	24.9	24.5	24.4	24.9	22.8	22.1	24.7	24.8	25.2	25.5	24.4
LOCAL EDUCATION	938202	13.6	13.6	13.7	13.7	13.7	13.8	11.2	10.2	13.2	14.1	14.4	14.5	13.3

S P R I N G F I E L D MSA
NONAGRICULTURAL WAGE & SALARY EMPLOYMENT
FOR CALENDAR YEAR 1987

REVISED TO 1ST QTR 1988 BENCHMARK

I N D U S T R Y	JAN.	FEB.	MAR.	APRIL	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.	AVG.
NONAGRICULTURAL EMPLOYMENT	230.6	232.1	234.2	237.3	238.0	240.4	235.5	235.0	239.4	241.0	242.2	244.8	237.5
Manufacturing	50.6	50.7	50.4	50.6	50.6	51.0	50.1	50.4	50.7	50.9	50.9	51.1	50.7
Durable Goods	25.5	25.6	25.5	25.6	25.6	26.0	25.5	25.7	26.0	25.9	26.0	26.0	25.7
Fabricated Metals	6.9	6.9	6.8	6.9	7.0	7.1	6.9	6.9	6.9	7.0	7.0	7.0	6.9
Machinery, except electrical	6.1	6.1	6.1	6.1	6.1	6.2	6.2	6.2	6.3	6.2	6.2	6.2	6.2
Other durable goods	12.5	12.6	12.6	12.6	12.5	12.7	12.4	12.6	12.8	12.7	12.8	12.8	12.6
Nondurable Goods	25.1	25.1	24.9	25.0	25.0	25.0	24.6	24.7	24.7	25.0	24.9	25.1	24.9
Textile mill products	1.7	1.7	1.7	1.7	1.7	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.6
Apparel	1.0	1.0	1.1	1.1	1.1	1.1	1.0	1.0	1.0	1.1	1.0	1.1	1.1
Paper & allied products	7.7	7.7	7.6	7.7	7.7	7.8	7.6	7.7	7.9	7.8	7.9	7.9	7.8
Printing & Publishing	6.4	6.5	6.3	6.3	6.3	6.4	6.4	6.5	6.4	6.5	6.5	6.5	6.4
Other nondurable goods	8.3	8.2	8.2	8.2	8.2	8.2	8.1	8.0	7.9	8.1	8.0	8.1	8.1
Mining	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.1
Construction	8.3	8.0	8.4	9.4	10.0	10.5	10.9	10.8	10.5	10.4	10.2	10.0	9.8
Transportation, Communication & Public Utilities	9.6	9.7	9.7	9.6	9.6	9.6	9.2	9.3	9.7	9.9	9.8	10.0	9.6
Wholesale & Retail Trade	54.4	53.8	54.4	55.7	56.2	56.7	55.5	55.5	56.3	56.2	57.3	58.7	55.9
Finance, Insurance & Real Estate	15.6	15.7	15.9	15.6	15.8	16.3	16.3	16.4	16.2	16.0	15.9	15.9	16.0
Services	54.4	56.0	57.1	57.9	57.4	57.2	55.7	56.2	57.4	58.2	58.1	58.9	57.0
Government	37.6	38.1	38.2	38.4	38.3	38.9	37.6	36.3	38.5	39.3	39.9	40.1	38.4
Federal	5.9	6.0	6.0	6.1	6.1	6.4	6.1	6.2	6.1	6.1	6.1	6.2	6.1
State	8.0	8.4	8.4	8.3	8.3	8.1	8.2	8.1	8.2	8.5	8.6	8.6	8.3
Local	23.7	23.7	23.8	24.0	23.9	24.4	23.3	22.0	24.2	24.7	25.2	25.3	24.0

S P R I N G F I E L D M S A
NONAGRICULTURAL WAGE & SALARY EMPLOYMENT
FOR CALENDAR YEAR 1986

REVISED TO 1ST QTR 1987 BENCHMARK

I N D U S T R Y	A V G .											
	JAN.	FEB.	MAR.	APRIL	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.
NONAGRICULTURAL EMPLOYMENT	222.3	223.9	226.0	228.9	230.7	232.6	228.1	228.5	231.6	232.3	233.6	235.6
Manufacturing	51.0	51.0	51.0	51.5	51.2	51.7	49.5	50.0	50.9	50.7	50.8	50.8
Durable Goods	25.9	25.9	26.1	26.0	25.8	26.0	24.7	24.6	25.4	25.3	25.3	25.3
Fabricated Metals	6.7	6.7	6.7	6.8	6.8	6.9	6.7	6.7	6.8	6.6	6.6	6.6
Machinery, except electrical	6.3	6.2	6.2	6.1	6.1	6.1	6.0	5.9	5.9	6.0	6.0	6.1
Other durable goods	12.9	13.0	13.2	13.1	12.9	13.0	12.0	12.0	12.7	12.7	12.7	12.7
Nondurable Goods	25.1	25.1	24.9	25.5	25.4	25.7	24.8	25.4	25.5	25.4	25.5	25.3
Textile mill products	1.6	1.6	1.6	1.7	1.7	1.7	1.4	1.6	1.7	1.7	1.7	1.6
Apparel	1.0	1.1	1.1	1.1	1.1	1.1	0.9	1.0	1.0	1.1	1.0	1.0
Paper & allied products	7.7	7.7	7.7	7.7	7.7	7.8	7.5	7.6	7.6	7.6	7.7	7.7
Printing & Publishing	5.8	5.8	5.8	6.1	6.1	6.1	6.1	6.2	6.2	6.3	6.4	6.1
Other nondurable goods	9.0	8.9	8.7	8.9	8.8	9.0	8.9	9.0	9.0	8.7	8.7	8.9
Mining	0.1	0.1	0.1	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Construction	6.9	6.7	7.0	8.0	8.7	8.9	9.2	9.4	9.2	9.1	8.9	8.7
Transportation, Communication & Public Utilities	8.8	8.9	9.0	9.0	9.0	9.1	8.6	8.6	9.1	9.5	9.5	9.1
Wholesale & Retail trade	52.4	52.3	52.5	53.5	54.2	54.6	54.3	55.2	55.8	55.4	56.3	57.5
Finance, Insurance & Real Estate	14.7	14.7	14.9	15.2	15.5	15.8	16.0	16.2	15.9	15.5	15.4	15.4
Services	51.8	53.2	54.2	54.1	54.7	54.7	53.7	53.9	54.5	55.0	54.9	55.5
Government	36.6	37.0	37.3	37.4	37.2	37.6	36.6	35.0	36.0	36.9	37.6	38.1
Federal	5.8	5.9	5.9	6.0	6.0	6.1	6.0	6.0	6.0	5.9	6.0	6.1
State	7.9	8.0	8.1	8.0	8.0	7.9	8.0	7.8	7.9	8.0	8.0	8.1
Local	22.9	23.1	23.3	23.4	23.2	23.6	22.6	21.2	22.1	23.0	23.6	23.9

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S P R I N G F I E L D HSA
NONAGRICULTURAL WAGE & SALARY EMPLOYMENT
FOR CALENDAR YEAR 1905

REVISED TO 1ST QTR 1907 BENCHMARK

I N D U S T R Y		JAN.	FEB.	MAR.	APRIL	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.	AVC.
NONAGRICULTURAL EMPLOYMENT		219.0	219.0	221.9	224.5	226.1	227.9	223.9	224.5	226.9	226.1	220.2	229.1	224.0
Manufacturing		53.0	53.5	53.5	53.2	53.2	53.4	51.4	52.5	52.7	52.5	52.3	51.5	52.7
Durable Goods		27.8	27.5	27.5	27.2	27.0	26.8	25.9	26.4	26.7	26.5	26.4	26.0	26.8
Fabricated Metals		7.6	7.4	7.3	7.3	7.2	7.1	7.0	6.9	7.0	7.0	6.9	6.8	7.1
Machinery, except electrical		6.7	6.7	6.7	6.6	6.6	6.6	6.4	6.4	6.4	6.2	6.2	6.2	6.4
Other durable goods		13.5	13.4	13.5	13.3	13.2	13.1	12.5	13.1	13.3	13.3	13.3	13.0	13.2
Nondurable Goods		26.0	26.0	26.0	26.0	26.2	26.6	25.5	26.1	26.0	26.0	25.9	25.5	26.0
Textile mill products		1.7	1.7	1.7	1.6	1.6	1.6	1.4	1.6	1.6	1.5	1.5	1.6	1.6
Apparel		1.5	1.5	1.5	1.4	1.4	1.5	1.0	1.2	1.1	1.1	1.1	1.0	1.3
Paper & allied products		7.5	7.5	7.5	7.5	7.5	7.6	7.4	7.4	7.6	7.8	7.9	7.9	7.6
Printing & Publishing		5.5	5.5	5.4	5.5	5.6	5.7	5.7	5.9	5.9	6.0	5.9	5.8	5.6
Other nondurable goods		9.8	9.8	9.9	10.0	10.1	10.2	10.0	10.0	9.8	9.6	9.5	9.2	9.8
Mining		0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.2	0.1	0.1	0.1	0.1
Construction		6.3	6.0	6.4	7.2	7.6	8.0	8.1	8.2	8.1	8.0	8.1	7.8	7.5
Transportation, Communication & Public Utilities		8.5	8.6	8.6	8.6	8.7	8.8	8.5	8.6	8.9	9.0	9.0	9.0	8.7
Wholesale & Retail trade		50.2	49.9	50.6	52.1	52.7	53.2	52.3	52.6	54.0	53.7	54.8	55.8	53.7
Finance, Insurance & Real Estate		14.0	13.9	13.9	14.1	14.3	14.7	15.0	15.1	14.8	14.6	14.6	14.6	14.5
Services		49.0	51.4	52.3	53.1	53.1	52.8	52.2	52.4	53.1	52.8	53.2	53.9	52.5
Government		36.3	36.4	36.5	36.1	36.4	36.9	36.2	34.9	35.1	35.4	36.1	36.4	36.1
Federal		5.6	5.7	5.7	5.9	5.7	5.8	5.9	5.9	5.7	5.7	5.8	5.8	5.8
State		8.0	7.9	7.9	7.9	7.9	7.9	7.8	7.8	7.9	7.9	7.9	7.9	7.9
Local		22.7	22.0	22.9	22.3	22.0	23.2	22.5	21.2	21.5	21.8	22.4	22.7	22.4

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S P R I N G F I E L D MSA
NONAGRICULTURAL WAGE & SALARY EMPLOYMENT
FOR CALENDAR YEAR 1904

REVISED TO 1ST QTR 1907 BENCHMARK

I N D U S T R Y		JAN.	FEB.	MAR.	APRIL	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.	AVG.
NONAGRICULTURAL EMPLOYMENT		213.4	215.1	216.9	219.0	222.3	225.4	219.4	221.6	224.4	224.9	225.6	227.0	221.3
Manufacturing		54.1	54.5	54.9	54.4	54.0	55.7	53.6	55.1	55.6	55.5	55.2	54.9	54.9
Durable Goods		28.1	28.4	28.6	28.0	28.2	28.6	27.2	27.7	28.4	28.6	28.4	28.0	28.2
Fabricated Metals		7.0	8.0	8.0	7.9	8.0	8.0	8.0	8.0	7.9	8.0	7.9	7.8	7.9
Machinery, except electrical		6.0	6.1	6.1	6.2	6.3	6.4	6.3	6.4	6.5	6.5	6.5	6.6	6.3
Other durable goods		14.3	14.3	14.5	13.9	13.9	14.2	12.9	13.3	14.0	14.1	14.0	13.6	13.9
Nondurable Goods		26.0	26.1	26.3	26.4	26.6	27.1	26.4	27.4	27.2	26.9	26.8	26.9	26.7
Textile mill products		1.9	1.9	1.8	1.8	1.9	1.9	1.7	2.0	2.0	1.8	1.7	1.7	1.8
Apparel		1.5	1.6	1.6	1.5	1.6	1.6	1.4	1.6	1.6	1.6	1.6	1.6	1.6
Paper & allied products		7.3	7.3	7.3	7.4	7.5	7.5	6.8	7.2	7.4	7.4	7.5	7.6	7.3
Printing & Publishing		5.6	5.5	5.6	5.6	5.6	5.7	5.9	6.0	5.7	5.7	5.6	5.6	5.7
Other nondurable goods		9.7	9.8	10.0	10.1	10.1	10.4	10.6	10.6	10.5	10.4	10.4	10.4	10.3
Mining		0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Construction		5.1	4.8	5.0	5.0	6.3	6.9	7.1	7.3	7.2	7.3	7.2	7.0	6.4
Transportation, Communication & Public Utilities		8.4	8.4	8.5	8.5	8.6	8.7	8.2	8.3	8.6	8.6	8.6	8.6	8.5
Wholesale & Retail trade		47.9	48.0	48.4	49.7	50.4	51.4	50.4	50.9	51.8	51.7	52.4	53.4	50.5
Finance, Insurance & Real Estate		13.5	13.5	13.5	13.7	13.9	14.2	14.5	14.6	14.3	14.0	14.0	14.0	14.0
Services		48.2	49.3	49.8	50.0	51.1	51.2	49.7	50.0	50.7	51.5	51.7	52.4	50.5
Government		36.1	36.5	36.7	36.8	37.1	37.2	35.8	35.3	36.1	36.2	36.4	36.6	36.4
Federal		5.7	5.7	5.7	5.8	5.8	5.8	5.7	5.8	5.7	5.7	5.8	5.8	5.8
State		8.4	8.6	8.7	8.5	8.5	8.2	8.1	8.1	8.2	8.5	8.5	8.5	8.4
Local		22.0	22.2	22.3	22.5	22.8	23.2	22.0	21.4	22.2	22.0	22.1	22.3	22.3

S P R I N G F I E L D NSA
NONAGRICULTURAL WAGE & SALARY EMPLOYMENT
FOR CALENDAR YEAR 1983

REVISED TO 1ST QTR 1987 BENCHMARK

I N D U S T R Y		JAN.	FEB.	MAR.	APRIL	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.	AVG.
NONAGRICULTURAL EMPLOYMENT		206.1	206.9	208.6	212.0	213.9	215.3	212.0	210.6	217.9	219.2	219.6	220.0	213.5
Manufacturing		53.0	52.8	53.1	53.1	53.8	54.2	53.0	52.3	54.8	55.3	55.5	54.9	53.8
Durable Goods		27.7	27.6	27.8	27.4	27.6	27.5	27.6	25.6	27.8	28.4	28.6	28.5	27.7
Fabricated Metals		8.4	8.4	8.4	8.1	8.0	7.7	8.1	5.8	7.9	8.0	8.0	7.9	7.9
Machinery, except electrical		6.1	6.0	6.1	5.8	6.0	6.0	6.0	6.0	5.9	6.0	6.1	6.1	6.0
Other durable goods		13.2	13.2	13.3	13.5	13.6	13.8	13.5	13.8	14.0	14.4	14.5	14.5	13.8
Nondurable Goods		25.3	25.2	25.3	25.7	26.2	26.7	25.4	26.7	27.0	26.9	26.9	26.4	26.1
Textile mill products		1.7	1.7	1.7	1.8	1.8	1.8	1.7	1.7	1.9	1.9	1.8	1.9	1.8
Apparel		1.6	1.7	1.7	1.6	1.7	1.7	1.5	1.7	1.7	1.7	1.7	1.6	1.7
Paper & allied products		7.1	7.0	7.0	7.0	7.1	7.3	6.3	7.3	7.3	7.4	7.5	7.5	7.1
Printing & Publishing		5.3	5.3	5.3	5.4	5.5	5.7	5.8	5.8	5.8	5.7	5.8	5.7	5.6
Other nondurable goods		9.6	9.5	9.6	9.9	10.1	10.2	10.1	10.2	10.3	10.2	10.1	9.7	9.9
MinIng		0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Construction		4.8	4.5	4.5	5.2	5.6	6.1	6.2	6.3	6.2	6.1	6.0	5.8	5.6
Transportation, Communication & Public Utilities		8.7	8.8	8.8	9.0	8.9	9.0	8.5	7.5	9.0	9.1	8.8	8.7	8.7
Wholesale & Retail trade		44.7	44.4	45.0	46.5	47.0	47.3	47.1	47.3	48.4	48.5	49.2	50.5	47.2
Finance, Insurance & Real Estate		13.0	13.0	13.0	13.1	13.4	13.8	14.2	14.3	14.1	13.7	13.6	13.6	13.6
Services		46.0	47.1	47.9	48.7	48.8	48.6	47.7	47.9	49.5	50.0	49.8	49.7	48.5
Government		35.8	36.2	36.2	36.3	36.3	36.2	35.2	34.9	35.8	36.4	36.6	36.7	36.0
Federal		5.5	5.5	5.4	5.5	5.5	5.4	5.6	5.6	5.6	5.6	5.6	5.7	5.5
State		8.3	8.6	8.6	8.6	8.6	8.4	8.4	8.3	8.5	8.7	8.7	8.7	8.5
Local		22.0	22.1	22.2	22.2	22.2	22.4	21.2	21.0	21.7	22.1	22.3	22.3	22.0

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NONAGRICULTURAL WAGE & SALARY EMPLOYMENT
FOR CALENDAR YEAR 1982

REVISED TO 1ST QTR 1987 BENCHMARK

I N D U S T R Y	JAN.	FEB.	MAR.	APRIL	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.	AVG.
NONAGRICULTURAL EMPLOYMENT	207.6	207.9	208.3	210.4	212.6	212.8	208.7	209.8	215.1	212.4	213.1	213.5	211.0
Manufacturing	50.3	57.8	57.3	57.0	56.8	57.1	55.2	56.0	56.2	55.2	54.7	53.9	56.3
Durable Goods	32.1	32.0	31.7	31.1	30.7	30.7	29.8	29.6	29.6	29.2	28.0	27.8	30.3
Fabricated Metals	9.8	9.8	9.7	9.5	9.4	9.5	9.1	9.0	9.1	9.0	8.9	8.1	9.2
Machinery, except electrical	7.3	7.3	7.3	7.0	6.8	6.7	6.5	6.3	6.2	6.2	6.2	5.8	6.8
Other durable goods	15.0	14.9	14.7	14.6	14.5	14.5	14.2	14.3	14.3	14.0	13.7	13.9	14.4
Nondurable Goods	26.2	25.8	25.6	25.9	26.1	26.4	25.4	26.4	26.6	26.0	25.9	26.1	26.1
Textile mill products	1.8	1.8	1.8	1.8	1.8	1.8	1.7	1.7	1.7	1.7	1.7	1.8	1.8
Apparel	1.9	1.8	1.7	1.7	1.8	1.8	1.6	1.7	1.7	1.6	1.6	1.7	1.7
Paper & allied products	7.4	7.2	7.2	7.2	7.1	7.2	6.6	7.0	7.1	7.0	7.0	7.3	7.1
Printing & Publishing	5.6	5.5	5.5	5.5	5.7	5.6	5.5	5.7	5.7	5.6	5.5	5.6	5.6
Other nondurable goods	9.5	9.5	9.4	9.7	9.7	10.0	10.0	10.3	10.4	10.1	10.1	9.7	9.9
Mining	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.2	0.1	0.1	0.1	0.1
Construction	4.8	4.5	4.6	5.1	5.6	5.9	6.2	6.2	6.0	6.0	5.9	5.8	5.6
Transportation, Communication & Public Utilities	8.7	8.7	8.7	8.8	8.8	8.9	8.4	8.5	9.1	9.2	9.3	9.0	8.9
Wholesale & Retail trade	44.1	43.9	44.1	44.8	45.5	45.7	45.0	45.2	46.8	46.0	46.6	49.4	45.5
Finance, Insurance & Real Estate	12.6	12.4	12.5	12.7	13.0	13.3	13.5	13.6	13.4	13.0	13.1	13.3	13.0
Services	44.0	45.0	45.2	46.2	46.9	46.0	45.3	45.5	47.5	46.7	46.8	45.4	45.9
Government	35.0	35.5	35.8	35.7	35.9	35.8	34.9	34.6	35.9	36.2	36.6	36.6	35.7
Federal	5.6	5.6	5.5	5.5	5.5	5.6	5.6	5.5	5.6	5.6	5.6	5.6	5.6
State	8.2	8.5	8.5	8.5	8.5	8.3	8.3	8.2	8.4	8.6	8.6	8.6	8.4
Local	21.2	21.4	21.8	21.7	21.9	21.9	21.0	20.9	21.9	22.0	22.4	22.4	21.7

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S P R I N G F I E L D NSA
NONAGRICULTURAL WAGE & SALARY EMPLOYMENT
FOR CALENDAR YEAR 1981
REVISED TO 1ST QTR 1987 BENCHMARK

I N D U S T R Y	JAN.	FEB.	MAR.	APRIL	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.	AVG.
NONAGRICULTURAL EMPLOYMENT	212.3	213.5	214.6	216.5	219.2	219.0	215.0	215.5	217.0	215.6	216.3	214.6	215.0
Manufacturing	60.9	61.1	61.3	61.2	61.0	62.5	61.3	61.0	62.7	61.2	60.3	59.0	61.3
Durable Goods	34.4	34.1	34.2	34.3	34.3	34.6	33.7	34.0	34.6	33.9	33.4	32.6	34.0
Fabricated Metals	10.0	10.0	10.0	9.9	9.9	9.9	9.0	9.7	10.0	10.0	9.9	9.8	9.9
Machinery, except electrical	7.0	7.7	7.7	7.0	7.0	7.8	7.6	7.6	7.7	7.4	7.4	7.4	7.6
Other durable goods	16.6	16.4	16.5	16.6	16.6	16.9	16.3	16.7	16.9	16.5	16.1	15.4	16.5
Nondurable Goods	26.5	27.0	27.1	26.9	27.5	27.9	27.6	27.0	28.1	27.3	26.9	26.4	27.3
Textile mill products	1.9	1.9	1.9	1.9	1.9	2.0	1.9	2.0	2.0	2.0	1.8	1.8	1.9
Apparel	1.9	2.0	2.0	1.9	2.0	2.1	2.1	2.1	2.1	2.0	1.9	1.9	2.0
Paper & allied products	7.2	7.3	7.2	7.3	7.3	7.4	7.1	7.2	7.4	7.4	7.4	7.4	7.3
Printing & Publishing	5.7	5.7	5.8	5.8	5.9	6.1	6.1	6.1	6.1	6.0	5.9	5.8	5.9
Other nondurable goods	9.0	10.1	10.2	10.0	10.4	10.3	10.4	10.4	10.5	9.9	9.9	9.5	10.2
Construction	5.0	4.9	5.1	5.9	6.4	6.5	6.5	6.5	6.3	6.2	6.1	5.7	5.9
Transportation, Communication & Public Utilities	0.0	0.0	0.9	9.0	9.0	9.0	8.4	8.5	8.9	9.1	9.0	8.9	8.9
Wholesale & Retail Trade	44.7	44.5	45.0	45.4	45.9	46.0	45.2	45.4	46.3	45.0	46.4	47.6	45.7
Finance, Insurance & Real Estate	12.5	12.4	12.4	12.6	12.9	13.0	13.2	13.2	13.1	12.7	12.6	12.6	12.7
Services	43.2	44.3	44.5	45.5	46.4	45.2	44.6	44.6	46.4	45.6	45.4	45.6	45.1
Government	37.2	37.5	37.4	36.9	36.0	36.0	35.0	35.5	34.1	35.0	36.5	35.2	36.2
Federal	5.5	5.5	5.5	5.6	5.5	5.5	5.6	5.6	5.5	5.6	5.6	5.7	5.6
State	0.1	0.4	0.4	0.4	0.4	0.2	0.2	0.1	0.3	0.5	0.5	0.5	0.3
Local	23.6	23.6	23.5	22.9	22.9	23.1	22.0	21.0	20.3	20.9	22.4	21.0	22.3

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S P R I N G F I E L D NSA
NONAGRICULTURAL WAGE & SALARY EMPLOYMENT
FOR CALENDAR YEAR 1980

REVISED TO 1ST QTR 1987 BENCHMARK

I N D U S T R Y		JAN.	FEB.	MAR.	APRIL	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.	AVG.
NONAGRICULTURAL EMPLOYMENT		215.7	218.7	219.6	221.1	220.4	219.1	215.2	216.7	220.1	221.9	222.8	222.3	219.5
Manufacturing		67.2	67.0	67.1	66.2	65.6	65.4	63.1	63.8	63.7	63.6	63.1	62.4	64.9
Durable Goods		37.4	37.4	37.6	37.0	36.3	35.6	34.6	35.2	35.1	35.3	35.2	35.1	36.0
Fabricated Metals		10.5	10.5	10.6	10.6	10.1	10.1	9.9	10.0	10.0	10.1	10.1	10.1	10.2
Machinery, except electrical		0.4	0.4	0.5	0.3	0.3	0.2	7.9	7.9	7.8	7.8	7.8	7.8	8.1
Other durable goods		18.5	18.5	18.5	18.1	17.9	17.3	16.8	17.3	17.3	17.4	17.3	17.2	17.7
Nondurable Goods		29.8	29.6	29.5	29.2	29.3	29.8	28.5	28.6	28.6	28.3	27.9	27.3	28.9
Textile mill products		2.0	2.0	2.0	2.1	1.9	2.0	1.7	1.9	1.9	1.9	1.9	1.9	1.9
Apparel		2.2	2.1	2.2	2.1	2.2	2.2	2.0	2.1	2.1	2.0	1.9	2.0	2.3
Paper & allied products		7.6	7.6	7.7	7.4	7.3	7.4	7.1	7.2	7.3	7.3	7.3	7.3	7.4
Printing & Publishing		6.4	6.3	6.3	6.3	6.3	6.4	6.3	6.2	6.2	6.1	6.0	6.1	6.2
Other nondurable goods		11.6	11.6	11.3	11.3	11.6	11.8	11.4	11.2	11.1	11.0	10.8	10.0	11.1
Construction		5.3	5.0	5.0	5.7	6.1	6.3	6.0	6.4	6.3	6.3	6.2	5.9	5.9
Transportation, Communication & Public Utilities		9.0	9.0	9.1	9.1	9.0	9.2	8.5	8.4	9.1	9.0	8.9	8.9	8.9
Wholesale & Retail Trade		44.4	44.0	44.5	45.0	45.6	45.7	44.9	45.3	46.5	46.0	46.8	47.8	45.5
Finance, Insurance & Real Estate		12.0	11.9	12.1	12.3	12.4	12.8	13.0	13.1	12.9	12.6	12.5	12.5	12.5
Services		41.3	42.6	42.7	43.9	44.6	43.0	43.3	43.2	45.0	44.5	44.6	44.8	43.7
Government		36.5	39.2	39.1	38.9	37.1	36.7	36.4	36.5	36.6	39.9	40.7	40.0	38.1

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